



Rocks, Relics and Rumbles

Year 3 and 4
Spring Term

Key Curriculum Subject Driver Geography

Children will build on their prior knowledge of the world's seven continents and five oceans, by exploring the different layers on the Earth, and the plate tectonics and their potential effects on the Earth's surface. Physical geography will be developed when children explore what a volcano is and how eruptions impact land use. They will expand their locational and place knowledge by identifying the locations of Mt Fuji, Krakatoa, Mt St Helen's and Kilauea within the Ring of Fire on a map. Mapping skills will be extended when learning about the lines of latitude and longitude as well revisiting the skills and language used when using a compass, including cardinal and intercardinal points. Children will learn how to use four figure grid references to locate places on a map.

Maths Year 3

In Maths we will learn about:

Multiplication and Division:

- multiply a 2-digit number by a 1-digit number with and without exchange
- divide a 2-digit number by a 1-digit number with and without remainders
- link multiplication and division

Length and Perimeter

- measure in metres, centimetres and millimetres
- find equivalent lengths
- compare, add and subtract lengths
- measure and calculate perimeter

Fractions

- understand denominator, numerator and the whole
- compare and order fractions
- fractions on a number line
- counting fractions on a number line
- equivalent fractions on a number line

Mass and capacity

- measure mass in grams and kilograms
- add, subtract and compare mass
- measure capacity and volume in litres and millilitres
- add, subtract and compare capacity and volume

Maths Year 4

In Maths the children will:

Multiplication and Division:

- understanding factor pairs
- multiplying and dividing by 10 and 100
- learn informal written methods for multiplication
- multiply and divide a 2 digit by a 1 digit number
- multiply and divide 3 digit by a 1 digit number
- Understand efficient multiplication

Length and Perimeter

- measure and calculate the perimeter of a rectilinear figure.
- find the perimeter of regular and irregular polygons.
- measure in km and m.

Fractions and decimals

- count in hundredths as fractions and decimals
- find fractions of an amount
- recognise and write decimal equivalents
- add and subtract fractions with the same denominator
- find fractions of an amount
- understand tenths as decimals and on a number line

English

In English the children will:

- read our class text—Into the Volcano by Jess Butterworth
- explore a range of non-fiction texts linked to the topic
- explore and write their own question and answer poem
- create a non-chronological report
- write a story linked to our class text



French

In French we will:

- repeat words modelled by the teacher and show understanding with an action
- understand and respond to a few familiar spoken words and short phrases, spoken slowly and clearly.
- recognise a familiar question and respond with a simple rehearsed response
- copy simple vocabulary
- write some single words from memory, with plausible spelling.

PSHE Year 3

We will be learning to:

- focus on the puzzles 'Dreams and Goals' and 'Healthy Me.'
- discuss how it feels to be part of a group explain why foods and medicines are good for our bodies, comparing these ideas with less healthy/unsafe choices
- look at how fitness can impact on the health of our bodies

PSHE Year 4

We will be learning to:

- focus on the puzzles 'Dreams and Goals' and 'Healthy Me.'
- know that dreams and goals need to be made and learn ways to be positive and move forward in order to achieve them.
- understand how to be healthy in our future for our mind and bodies.

SMSC

We will develop our ability to:

- develop self-knowledge and self-confidence in our learning
- acquire an appreciation for and respect for our own and other cultures
- encourage respect for other people when presenting their thoughts and feelings

Art and Design

In art and design, the children will:

- identify and experiment with the techniques and materials used by other artists
- use a sketch book to record and develop ideas, observations and opinions
- experiment with tone and shading, using different media

Music

In music, the children will:

- recognise and describe sounds and changes using musical vocabulary
- improvise and compose sequences of sounds and vocals and record them using notes or pictures
- play a part with increased control, fluency, expression and accuracy on tuned and untuned instruments

Religious Education

In RE we will:

- understand what makes a good leader
- know the key religious figures for Christianity
- know the key religious figures for key world religions
- understand the importance of Jesus to Christians today
- understand the importance of Muhammad to Muslims today
- understand the links between faith founders
- understand how faith founders spread their message
- understand the impact of faith founders on society .

In the Easter unit we will:

- know the importance of The Last Supper to Christians
- understand why Good Friday has that name
- understand what Christians believe happened on Easter Sunday.

Physical Education Year 3

In our PE we will be covering:

- dodgeball
- fitness
- netball
- fundamentals

Physical Education Year 4

In our PE we will be covering:

- basketball
- fitness
- boxing
- fundamentals

Science

In our science topic of we will:

- recognise that living things can be grouped in a variety of ways
- explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- recognise that environments can change and that this can sometimes pose dangers to living things.
- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature.

Computing

In computing we will:

Programming A

- identify that commands have an outcome.
- explain that a program has a start and a sequence of commands can have an order.
- explain how a sprite moves in an existing project.
- explain how a sprite moves in an existing project
- create a program to move a sprite in four directions.
- identify and fix bugs in a program.
- design and create a maze based challenge.

Date and information

- create questions with yes and no answers.
- identify the attributes needed to collect data.
- create a branching database.
- independently create an identification tool.